

MATERIAL SAFETY DATA SHEET

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Section 1. Chemical Product and Company Identification

Product Name: Vigoro Premium Lawn Food Plus Moss Control 21-3-3

Manufacturer's Name

IMC VIGORO

Emergency Telephone Number

CHEMTREC 800-424-9300

Address (Number, Street, City, State, and ZIP Code)

P.O. Box 512

Telephone Number For Information

888-844-6761

Winter Haven FL 33882

Date Prepared

6 September 1996

Signature of Preparer (optional)

Michael Archer, ASSE

Section 2. Composition / Information on Ingredients

Exposure Limits

Component - one or more of the following:	CAS Registry #	ACGIH TLV	OSHA PEL
V-Cote	Mixture	Not est.	10 mg/m3
Sulfur coated urea	Mixture	Not est.	10 mg/m3
Urea	57-13-6	Not est.	10 mg/m3
Ammonium phosphate	7722-76-1	Not est.	10 mg/m3
Potassium chloride	7447-40-7	Not est.	10 mg/m3
Iron hepta-hydrate	7782-63-0	Not est.	10 mg/m3
Conditioner	Mixture	Not est.	10 mg/m3

Section 3. Hazards Identification

EMERGENCY OVERVIEW

Will cause moderate eye irritation. Avoid contact with open sores.

POTENTIAL HEALTH EFFECTS:

EYE CONTACT: Will cause moderate eye irritation.

INHALATION: No adverse effects expected.

SKIN CONTACT: No adverse effects expected.

INGESTION: May cause irritation of gastro-intestinal passages.

CHRONIC EFFECTS / CARCINOGENICITY: No effects known.

Section 4. First Aid Measures

EYE CONTACT: Flush eyes with water for 15 minutes. Get medical attention if irritation persists.

SKIN CONTACT: Wash thoroughly with soap and water.

INGESTION: Drink 2-3 glasses of water and induce vomiting. Get medical attention.

NOTE TO PHYSICIAN: Treat adverse effects symptomatically. Product contains fertilizer salts.

Section 5. Fire Fighting Measures

FLAMMABLE PROPERTIES:

FLASH POINT: Not applicable

METHOD USED: Not applicable

FLAMMABLE LIMITS

LFL: Not applicable

UFL: Not applicable

EXTINGUISHING MEDIA: Use fire fighting media as for surrounding fire.

FIRE & EXPLOSION HAZARDS: NH₃, HCN, CO, NO_x, SO_x and phosphates. Does not contain ammonium nitrate.

FIRE FIGHTING INSTRUCTIONS: Keep all persons upwind of smoke and vapors. Waters from fire fighting may be hazardous and should be contained to prevent their access into natural and drinking waters. Analyze waste waters before disposal.

FIRE FIGHTING EQUIPMENT: Wear self-contained breathing apparatus and full body protection.

Section 6. Accidental Release Measures

Sweep up material as soon as spilled to prevent contamination. Repackage in labeled container and use as directed on original package label. Material will stain concrete.

Section 7. Handling and Storage

Store in original container in safe, dry place. Do not contaminate other pesticides, fertilizer, seeds, food or feed. Return spillage to original container prior to disposal. Product will stain concrete surfaces.

Section 8. Exposure Controls / Personal Protection

ENGINEERING CONTROLS: Use outdoors only.

RESPIRATORY PROTECTION: None required if PEL is expected to be below 10 mg/m³.

SKIN PROTECTION: None required.

EYE PROTECTION: Use eye protection if granules may come in contact with eyes.

Section 9. Physical and chemical Properties

APPEARANCE:	Granules	PHYSICAL STATE:	Dry
BOILING POINT:	Not applicable	SOLUBILITY IN WATER:	70-100 %
EVAPORATION RATE:	Not applicable	SPECIFIC GRAVITY:	1.2
FREEZING POINT:	Not applicable	VAPOR DENSITY:	Not applicable
MELTING POINT:	Not applicable	VAPOR PRESSURE:	Not applicable
MOLECULAR WEIGHT:	Not applicable	VISCOSITY:	Not applicable
ODOR:	None	% VOLATILE:	None
pH:		6.0-8.0	

Section 10. Stability and Reactivity

CHEMICAL STABILITY: Stable

INCOMPATIBILITY: Strong acids

HAZARDOUS DECOMPOSITION PRODUCTS: NH₃, HCN, CO, NO_x and phosphates.

HAZARDOUS POLYMERIZATION: Does not occur.

Section 11. Toxicological Information

EYE: No specific data.

SKIN: Not considered to be a sensitizer.

INGESTION: No specific data.

INHALATION: No specific data. Unlikely route of entry.

CHRONIC / CARCINOGENICITY: Not listed on IARC, NTP or OSHA lists as a carcinogen.

Section 12. Ecological Information

ECOTOXICOLOGICAL INFORMATION: Do not apply directly to water, or to areas where surface water is present, or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment washwater or rinsate.

Section 13. Disposal Considerations

Product disposal: Securely wrap original container in several layers of newspaper and discard in the trash.

Container disposal: do not re-use bag. Discard bag in trash.

Section 14. Transport Information (Not meant to be all inclusive)

D.O.T. SHIPPING NAME: Consumer commodity, non-hazardous classification

Section 15. Regulatory Information (Not meant to be all inclusive - selected regulation represented)

OSHA STATUS: Not listed.

TSCA STATUS: All components listed.

CERCLA REPORTABLE QUANTITY: Not listed.

SARA TITLE III:

SECTION 302 EXTREMELY HAZARDOUS SUBSTANCES: Not listed.

SECTION 311/312 HAZARDOUS CATEGORIES: Not listed.

SECTION 313 TOXIC CHEMICALS: Not listed.

RCRA STATUS: Not listed.

CALIFORNIA PROPOSITION 65: Not listed.

Section 16. Other Information

Information given herein is given in good faith, but no warranty, express or implied, is made. Information is accurate as of date noted. IMC Vigoro assumes no liability for product used not in accordance with label directions. Information for this Material Safety Data Sheet (MSDS) is compiled from individual component MSDS, product specification sheets and various regulatory resources.